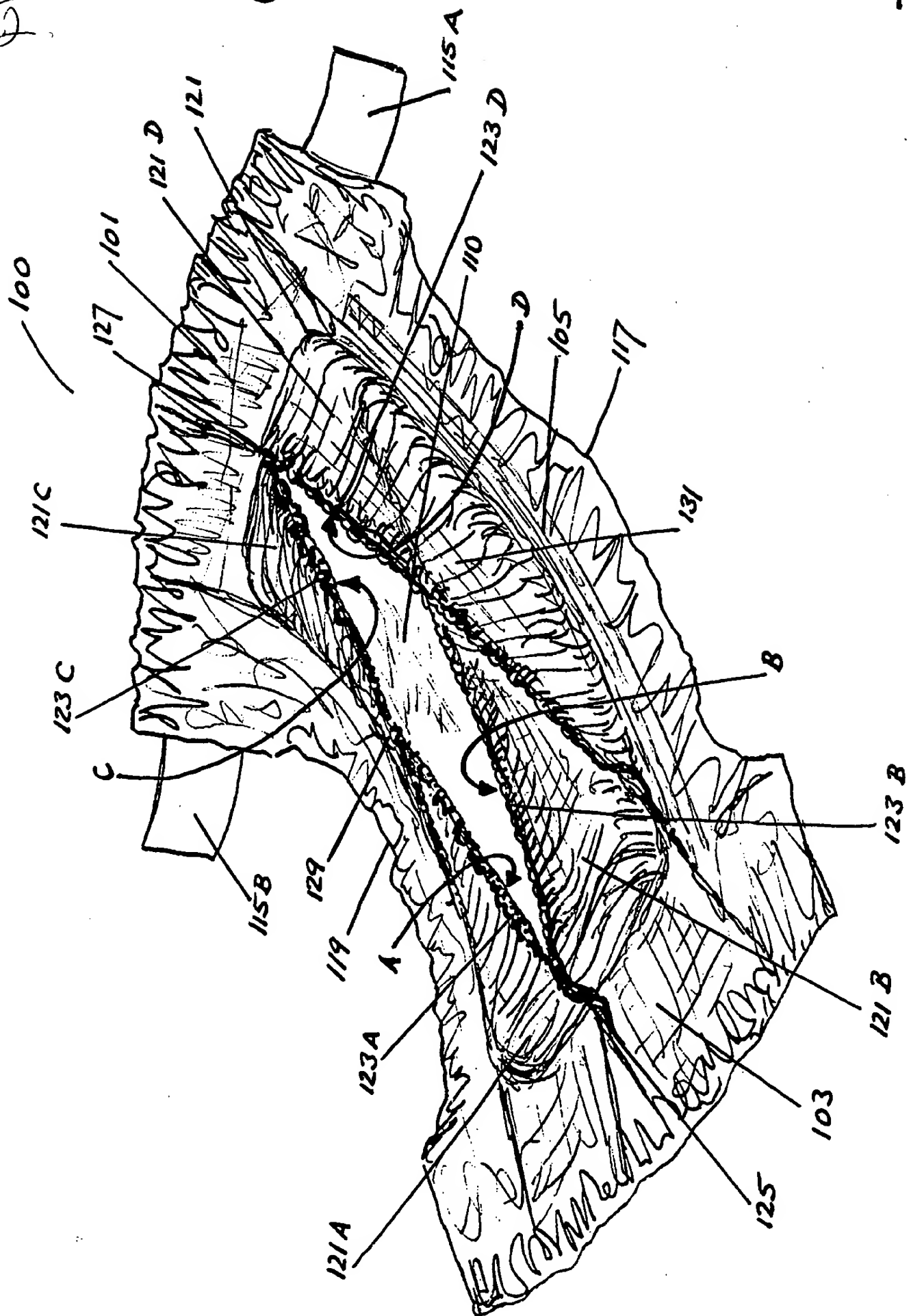
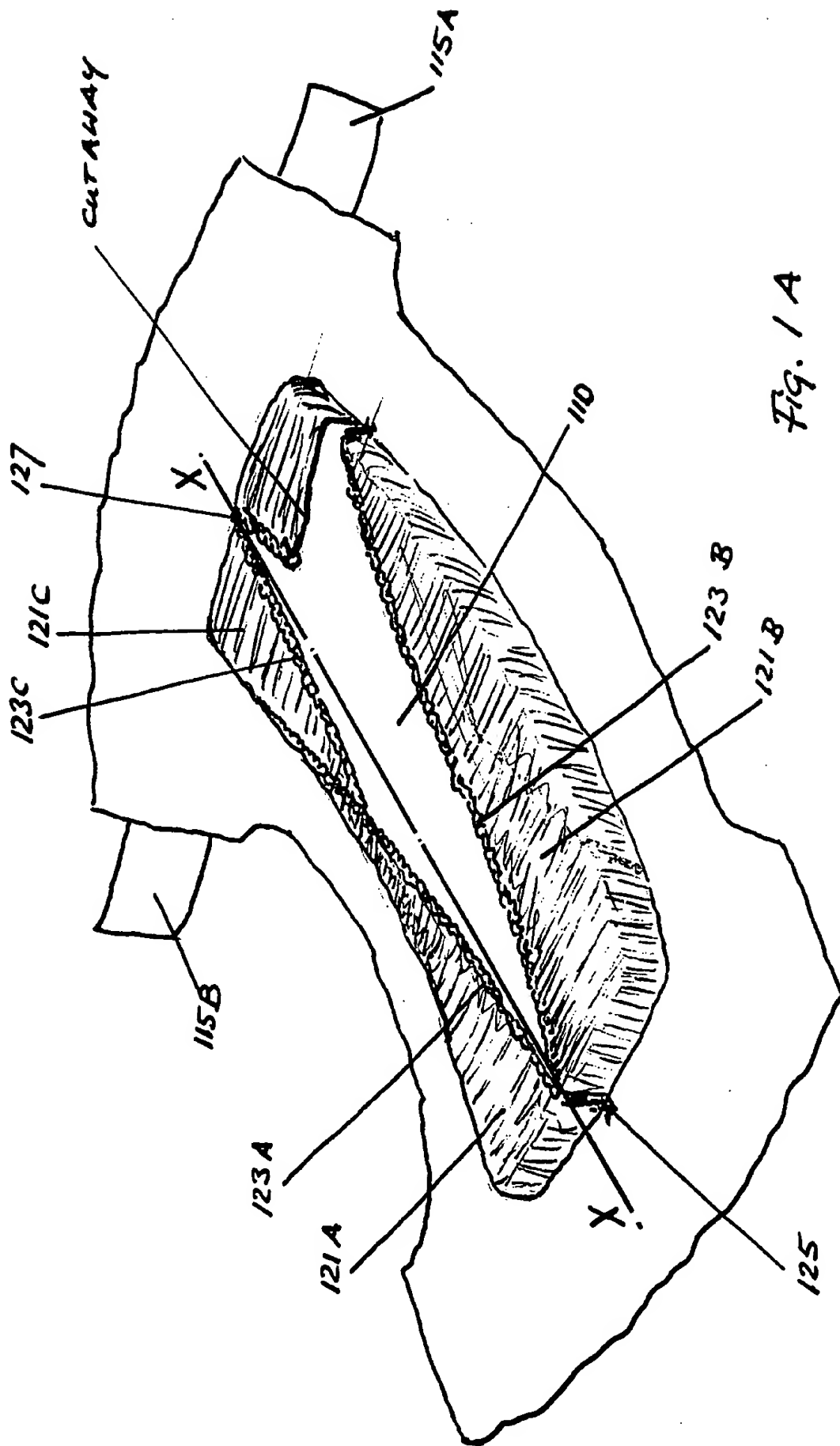


$$\begin{array}{ccccccc} \frac{\partial^2 u}{\partial t^2} & = & -\Delta u & + & f(x,t) & & \\ \frac{\partial u}{\partial t} & = & 0 & & & & \\ u & = & 0 & & & & \end{array}$$

3735
1-27

Fig 1





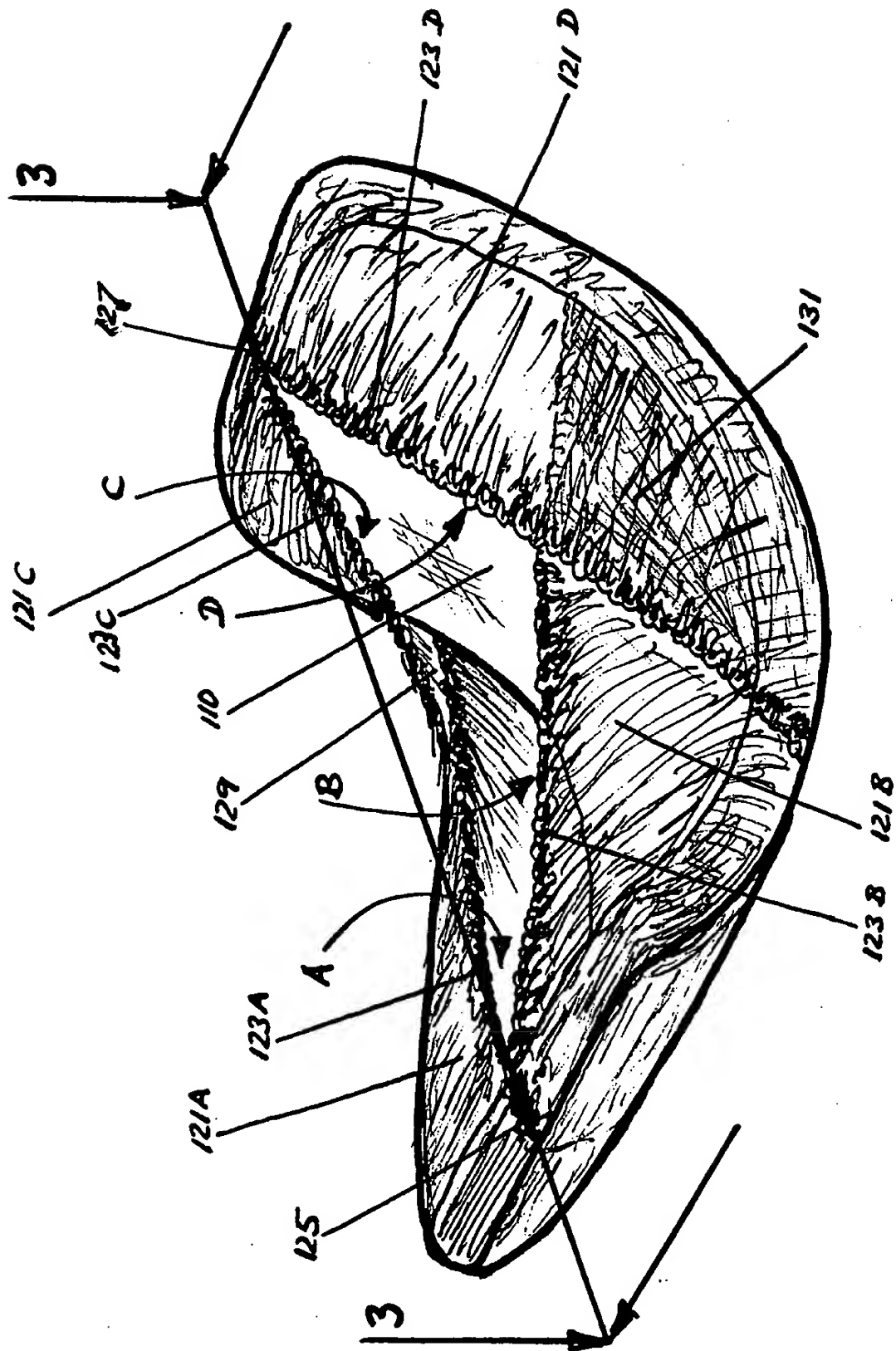


Fig 2

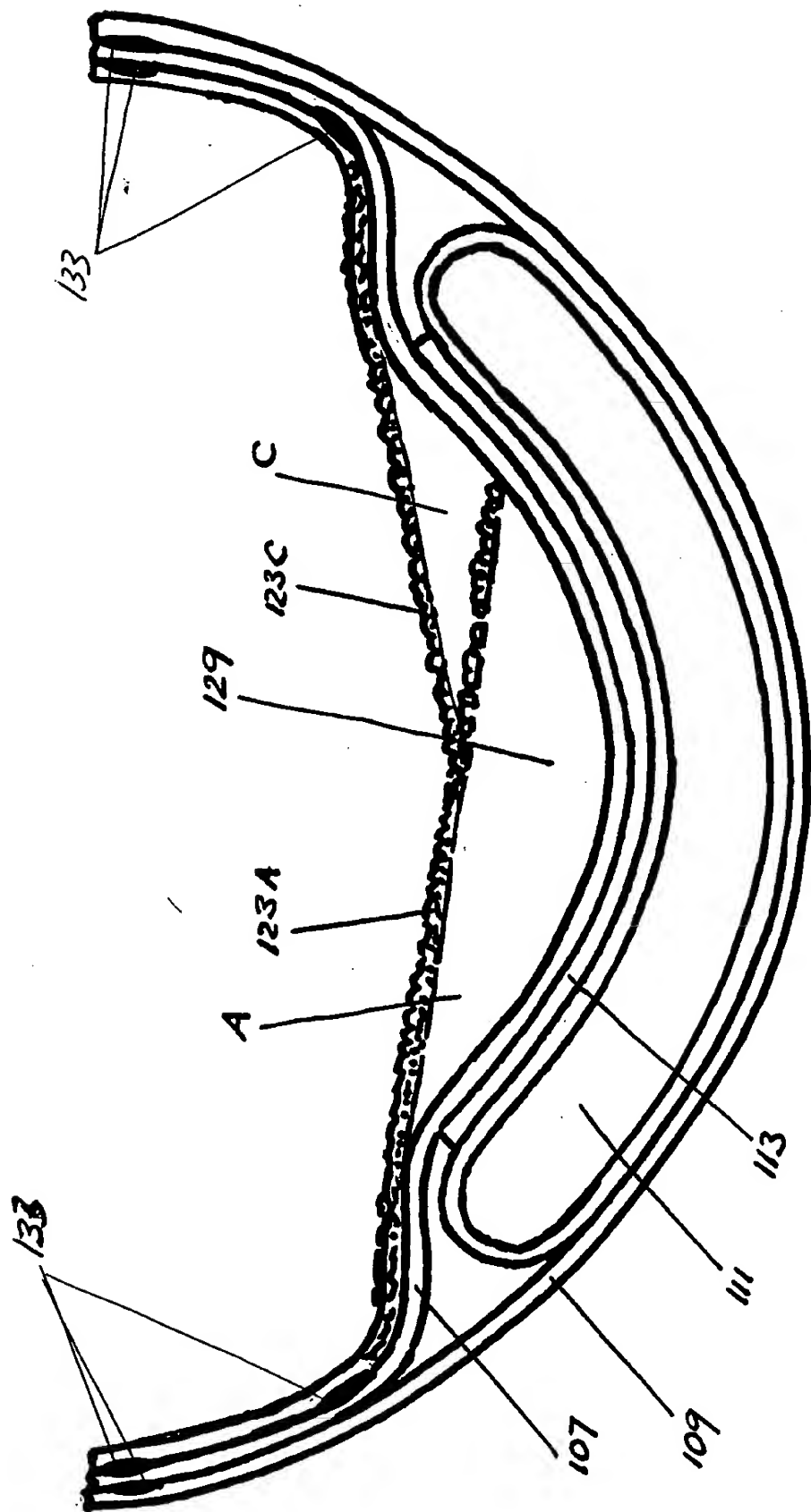


Fig 3

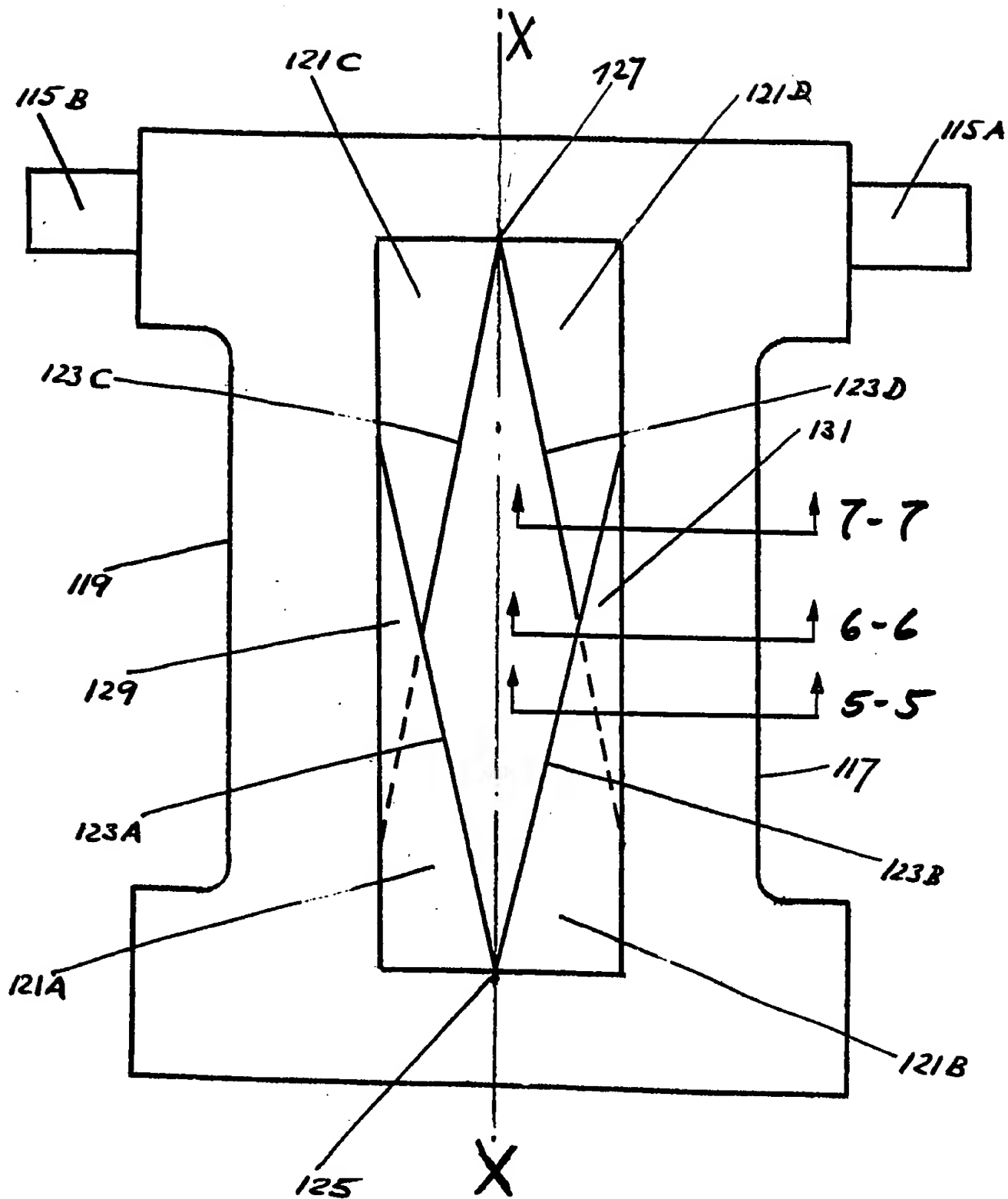
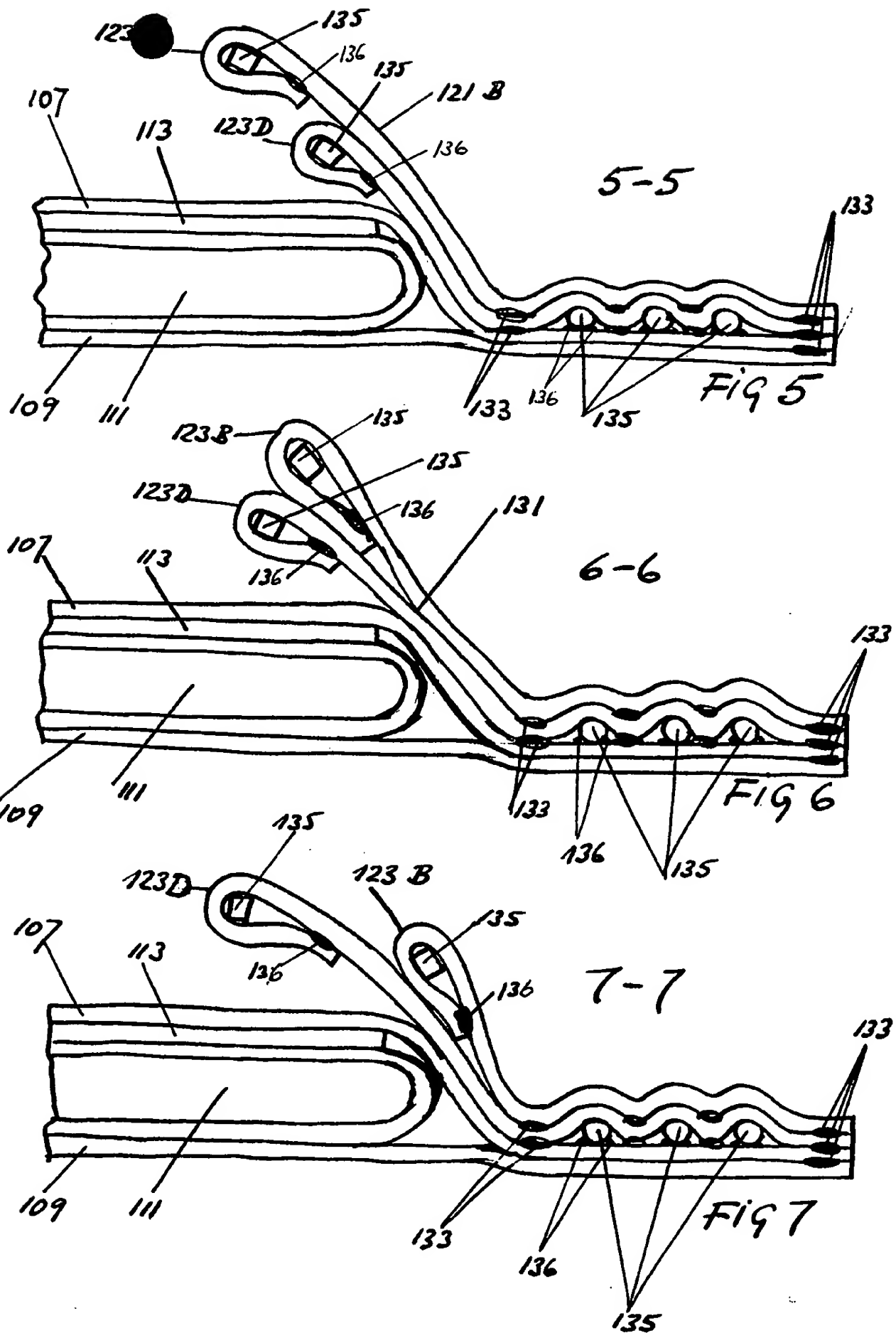


Fig 4



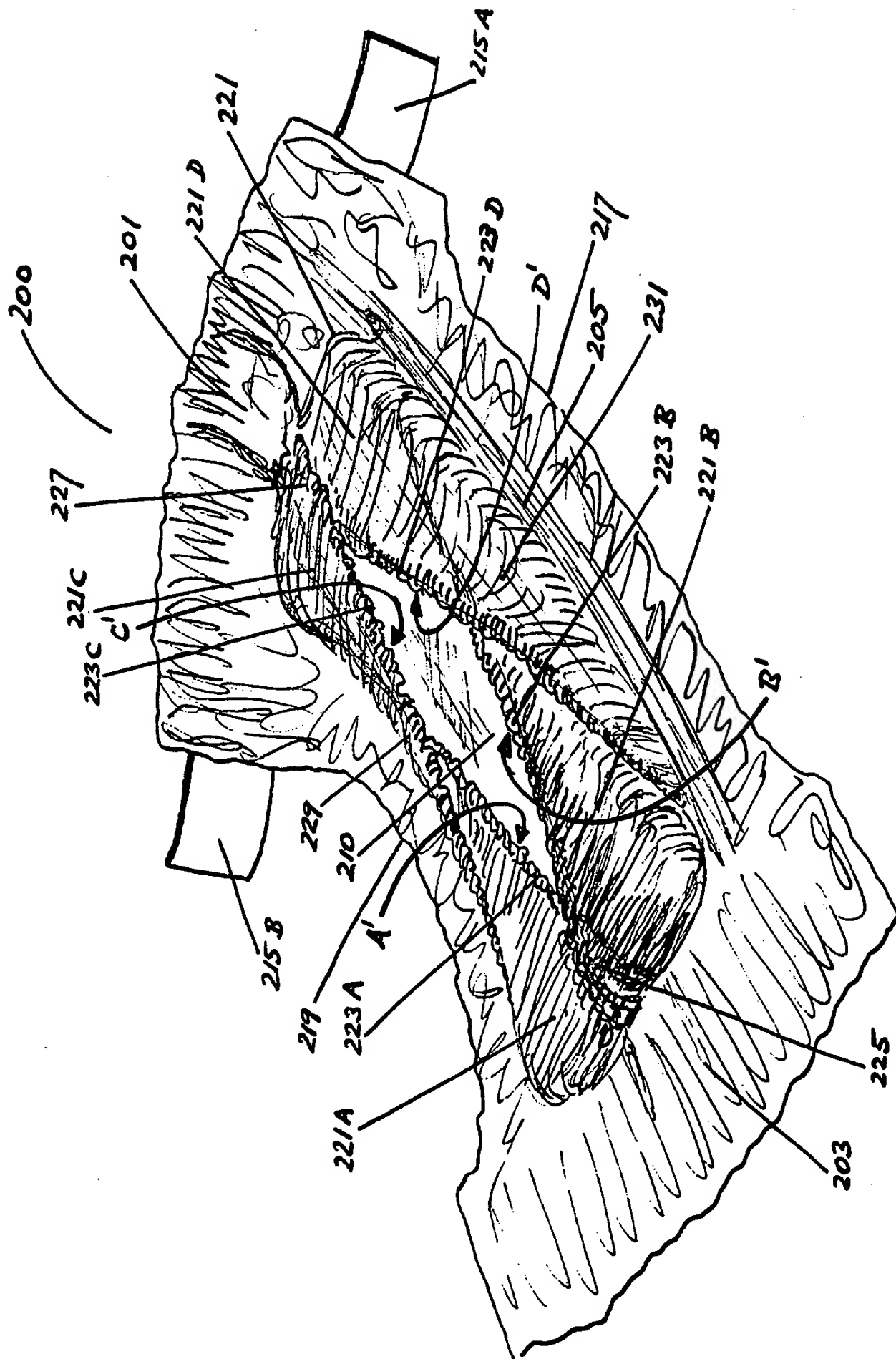


Fig 8

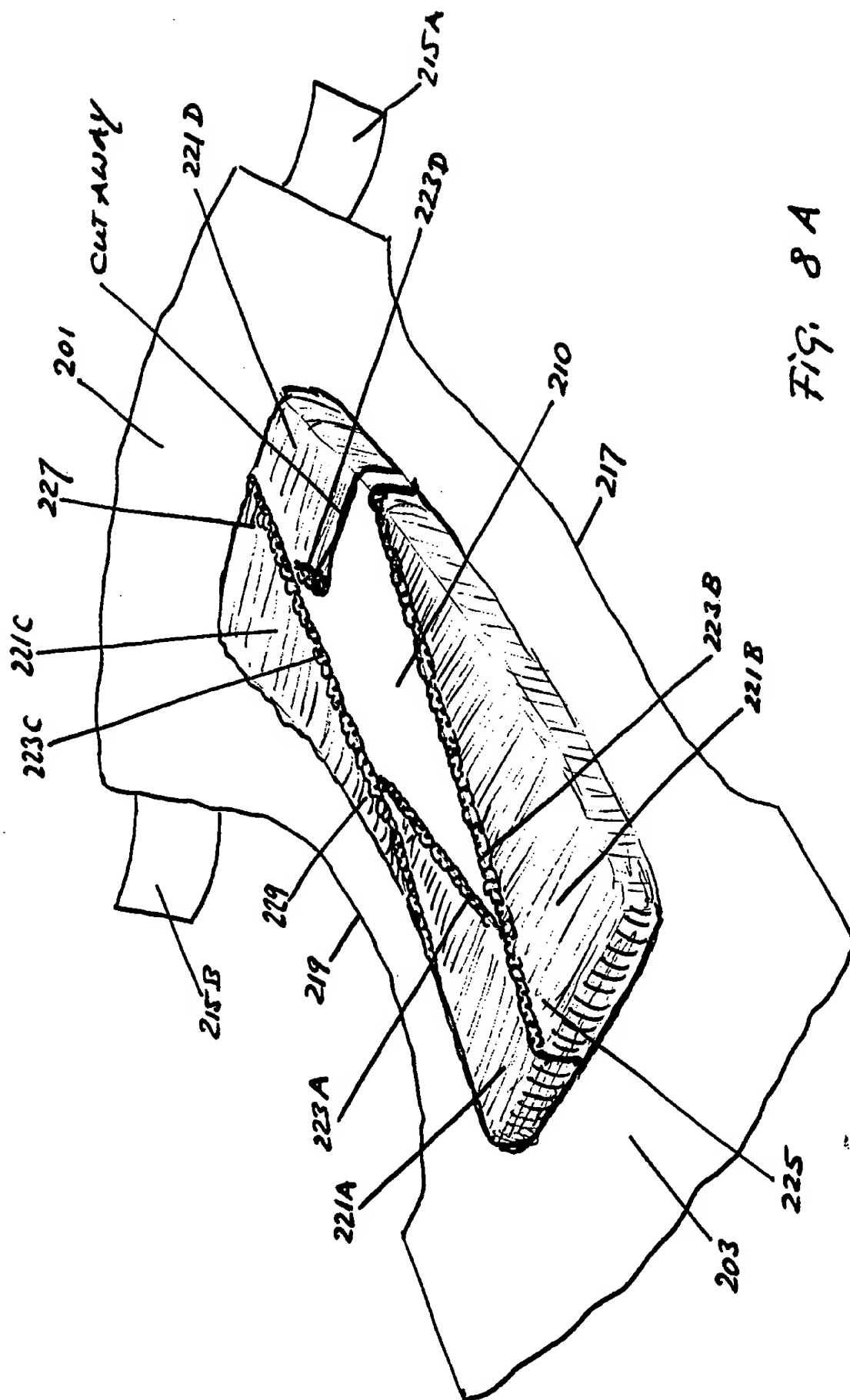
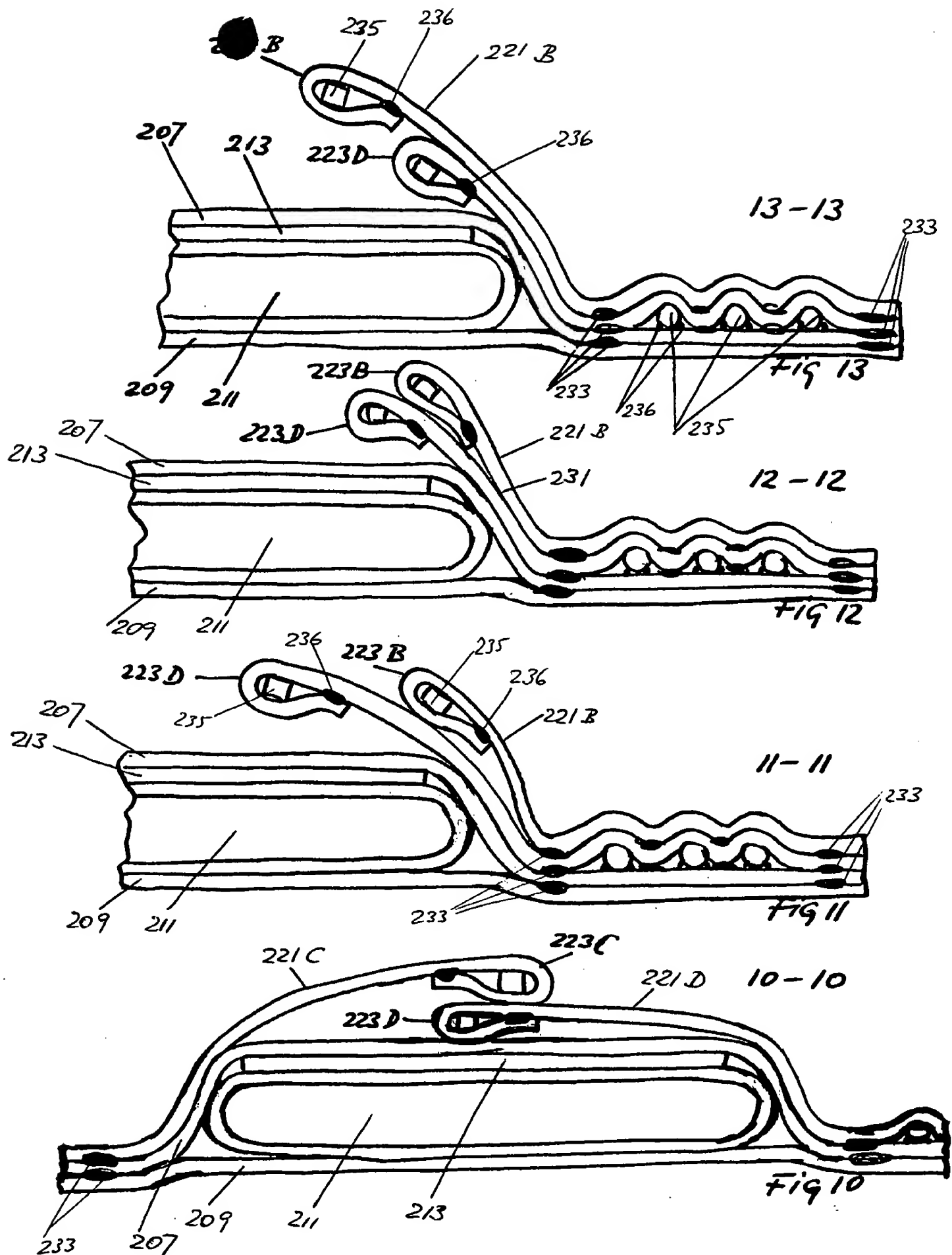


Fig. 8A



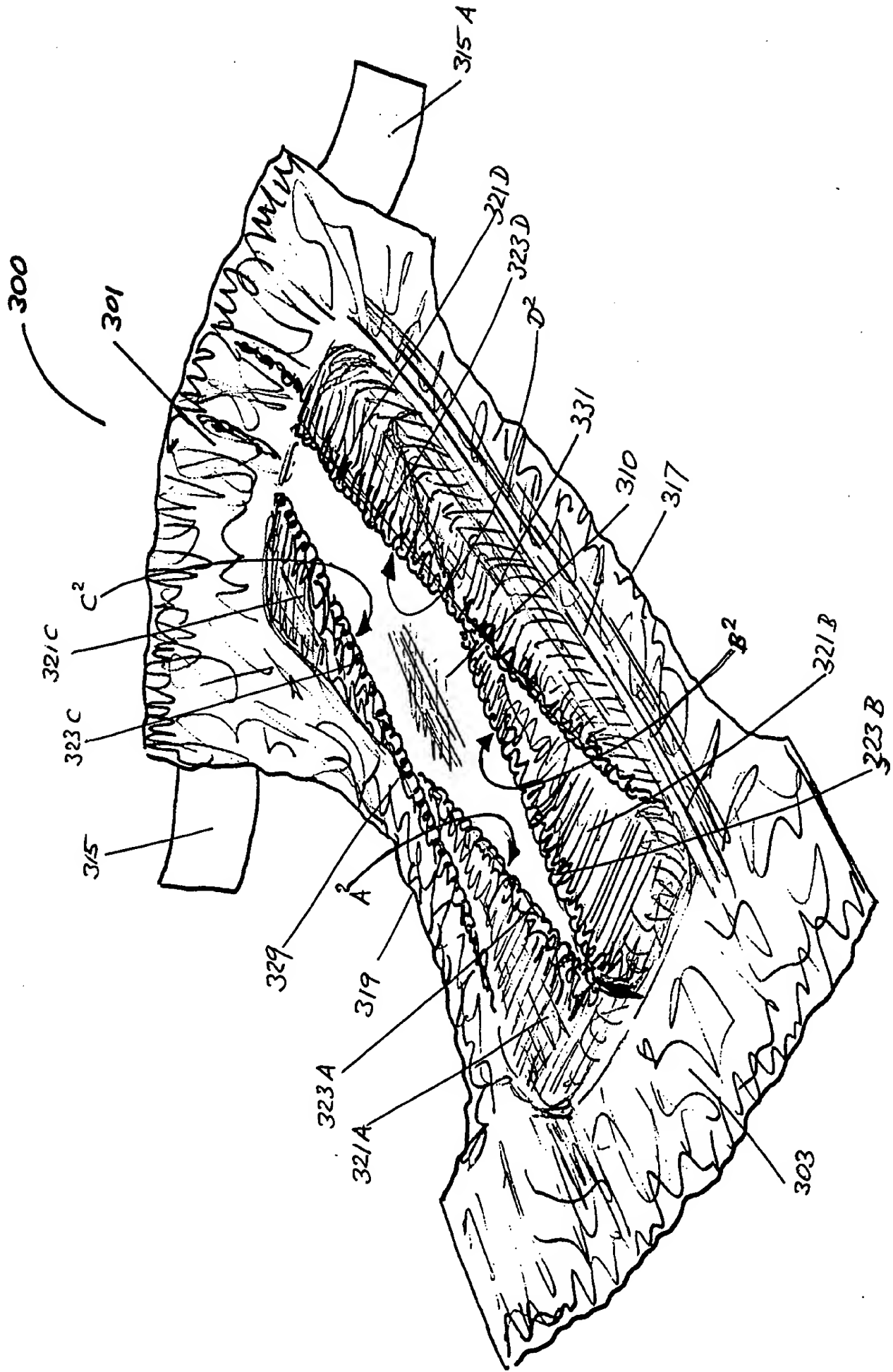


Fig 14

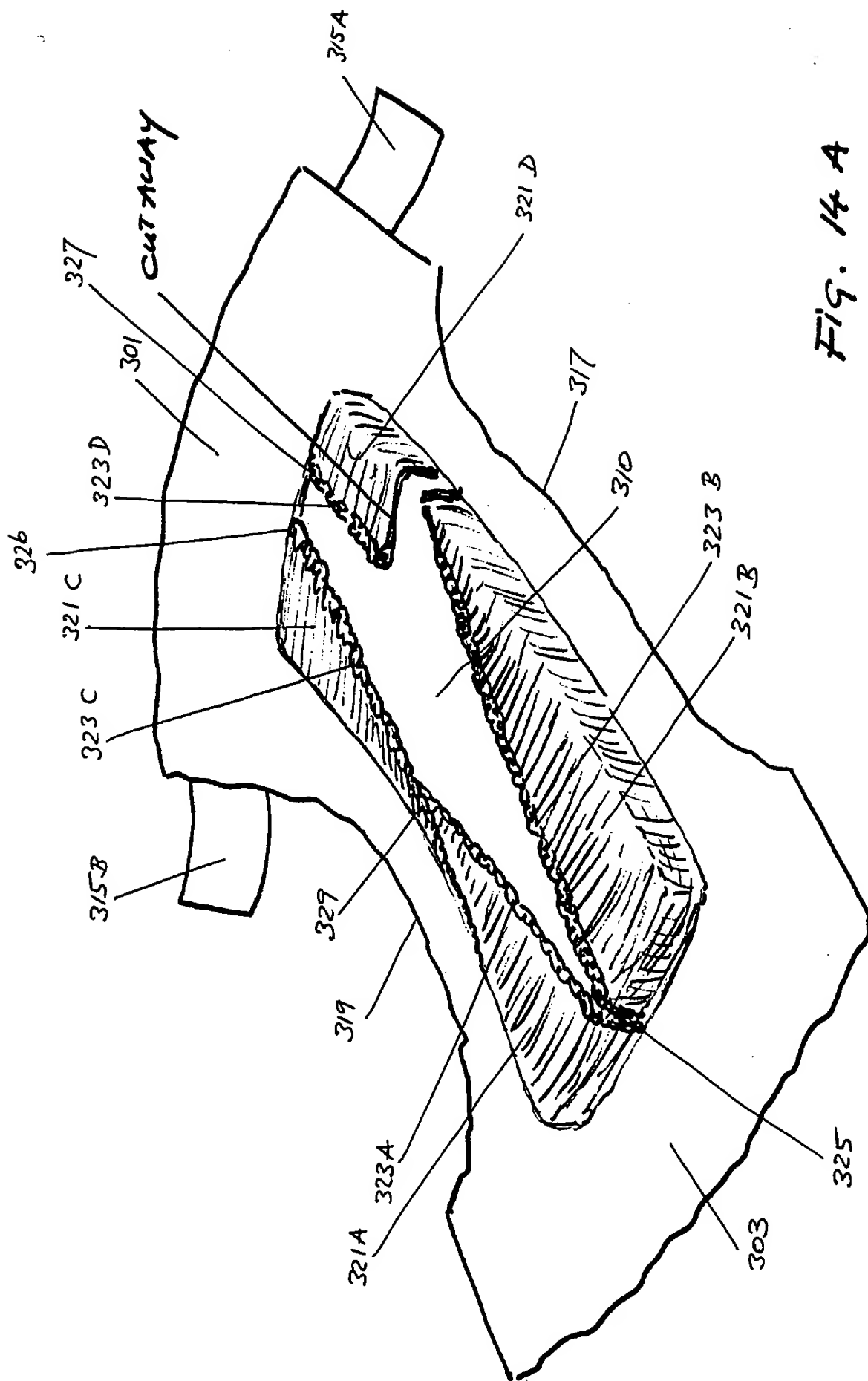
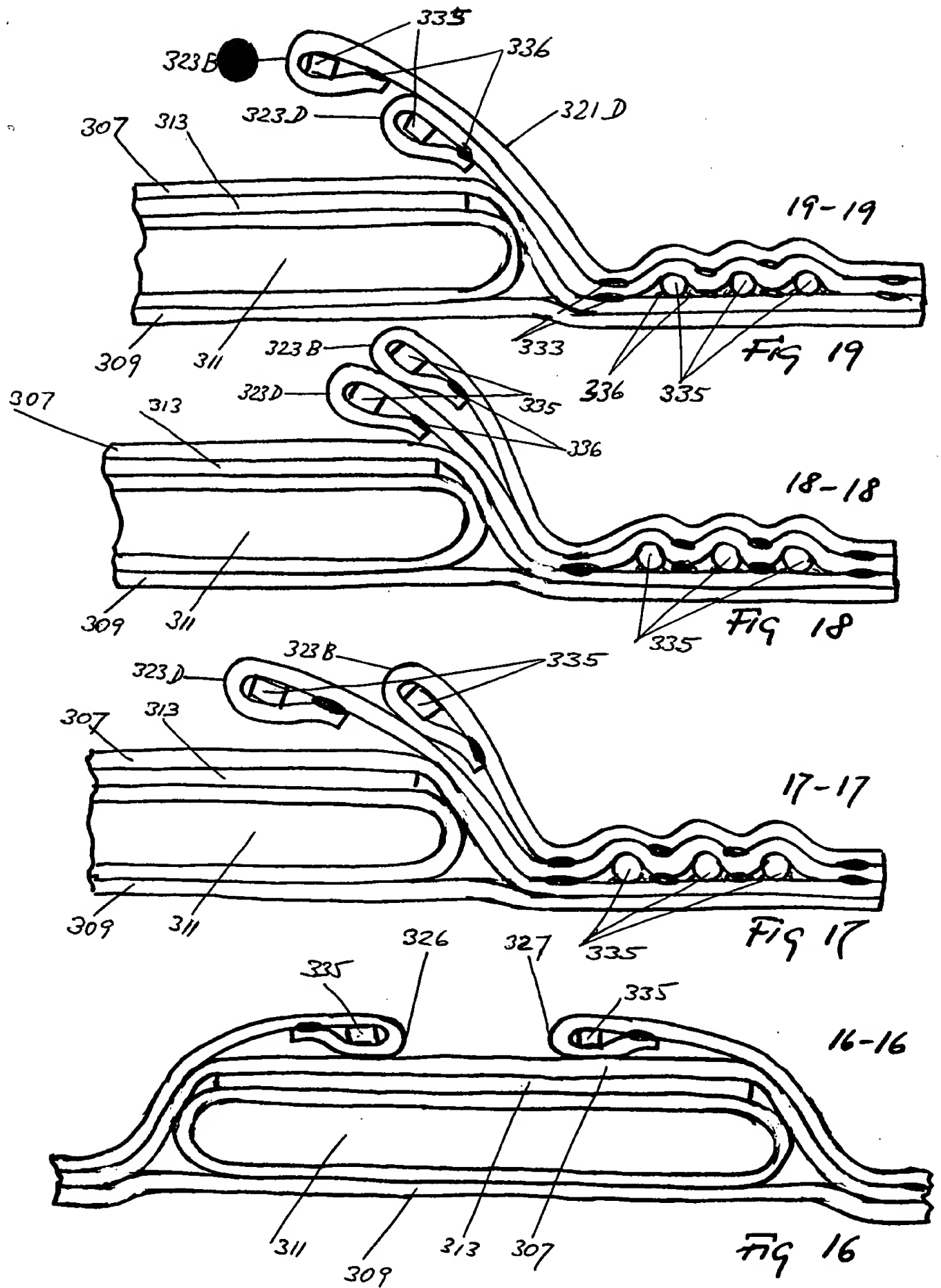


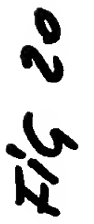
Fig. 14 A

The diagram illustrates a mechanical assembly, possibly a mold or die, with a central cavity. The assembly is symmetrical about a vertical centerline. Key components and labels include:

- 315 B**: A rectangular feature on the left side of the top flange.
- 315 A**: A rectangular feature on the right side of the top flange.
- 301**: The main body of the assembly, including the top flange and the central cavity walls.
- 326**: The left vertical wall of the central cavity.
- 327**: The right vertical wall of the central cavity.
- 323 D**: The top horizontal wall of the central cavity.
- 321 D**: The bottom horizontal wall of the central cavity.
- 323 C**: The left vertical wall of the central cavity, adjacent to the top flange.
- 329**: The left vertical wall of the central cavity, adjacent to the bottom flange.
- 319**: The left vertical wall of the central cavity, adjacent to the bottom flange.
- 323 A**: The left vertical wall of the central cavity, adjacent to the bottom flange.
- 321 A**: The bottom horizontal wall of the central cavity, adjacent to the left wall.
- 323 B**: The right vertical wall of the central cavity, adjacent to the bottom flange.
- 321 B**: The bottom horizontal wall of the central cavity, adjacent to the right wall.
- 310**: A dashed line indicating a centerline or axis of symmetry.
- 317**: The bottom horizontal wall of the central cavity.
- 303**: The bottom horizontal wall of the central cavity.
- 325**: The bottom horizontal wall of the central cavity.
- 16-16**: A cross-section line passing through the top of the assembly.
- 17-17**: A cross-section line passing through the top of the central cavity.
- 18-18**: A cross-section line passing through the middle of the central cavity.
- 19-19**: A cross-section line passing through the bottom of the central cavity.

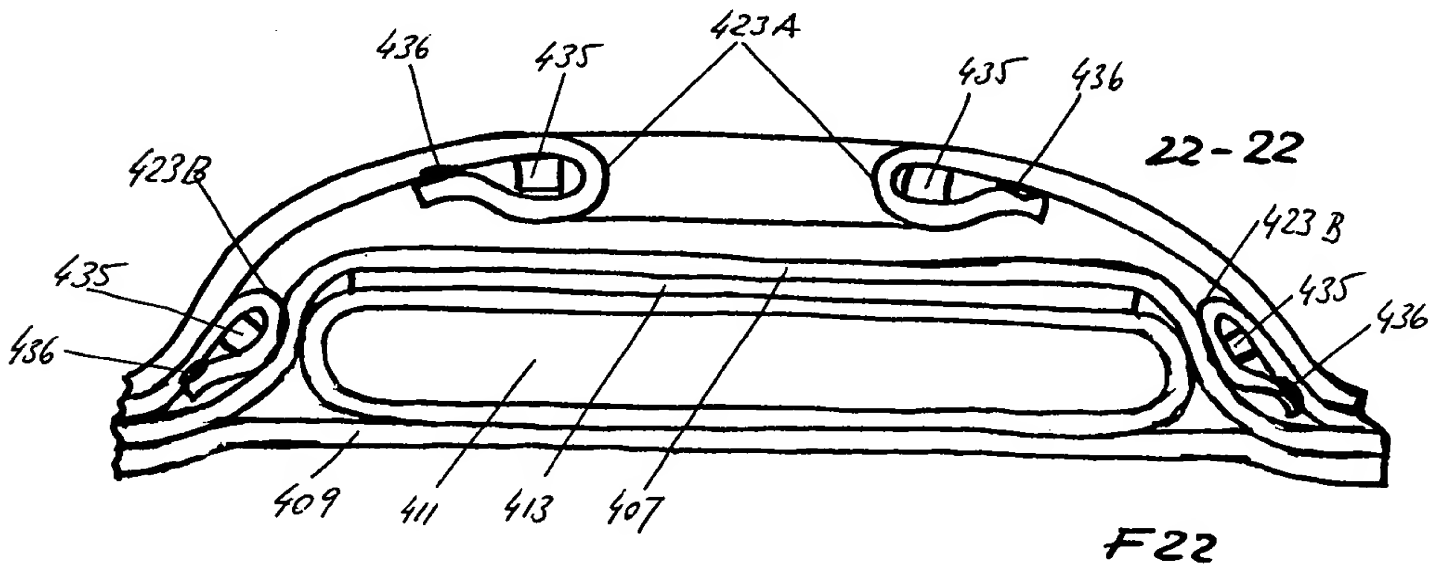
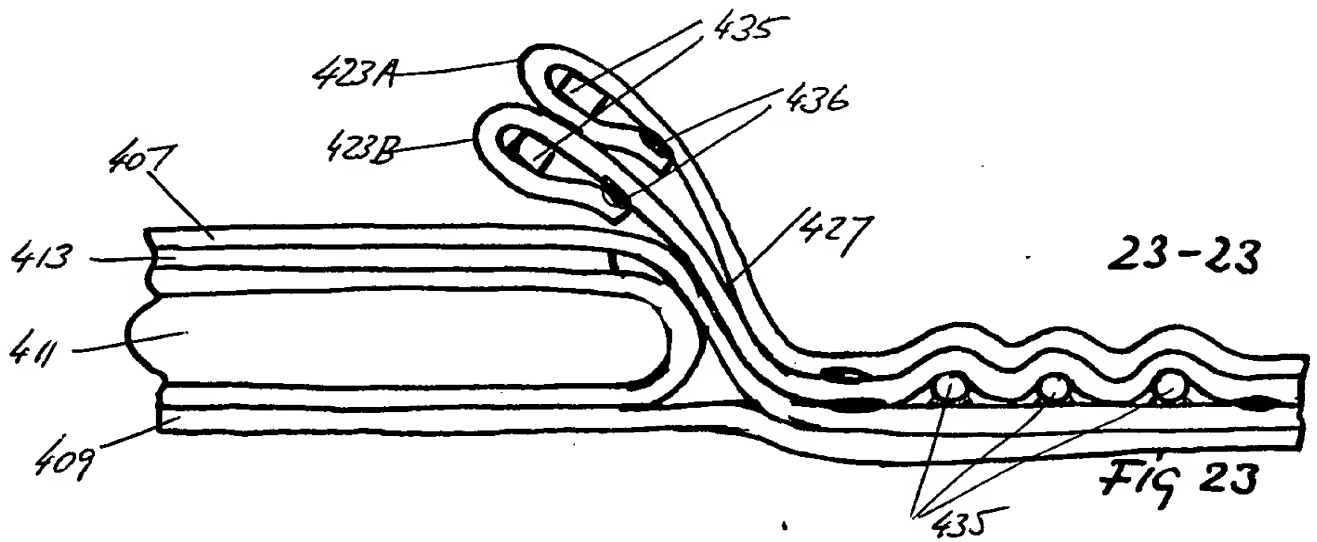
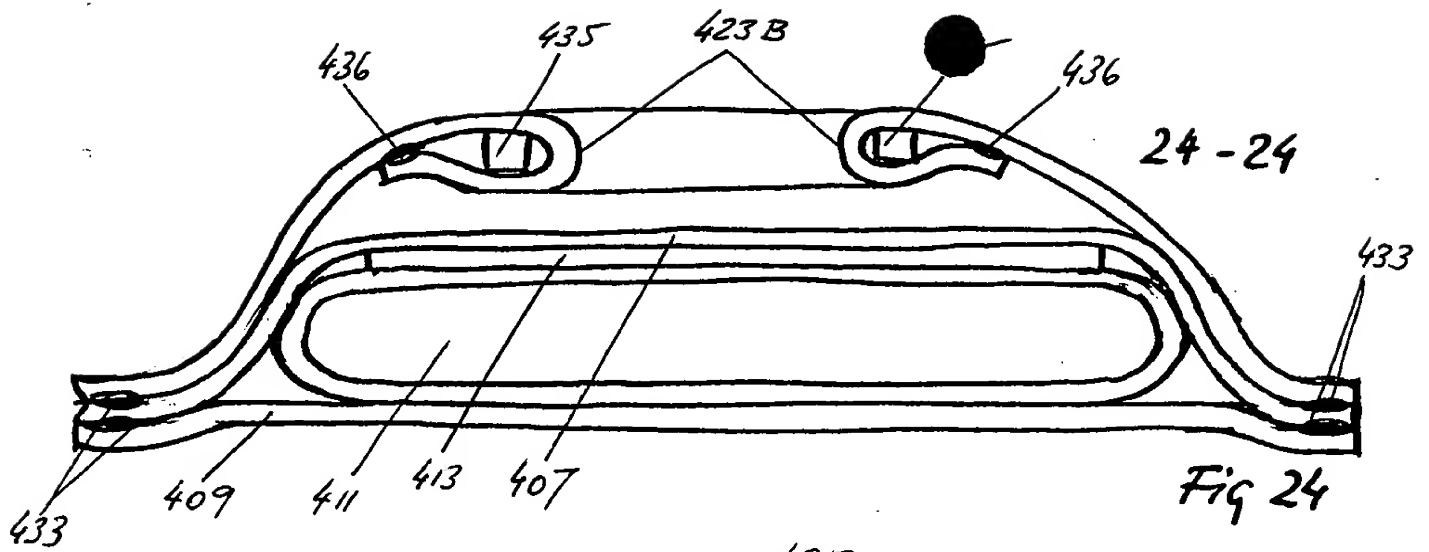
Fig 15





The diagram illustrates a mechanical component, possibly a mold or die, with two primary cross-sectional views indicated by dashed lines and labels: **22-22** (vertical) and **23-23** (horizontal). The main body consists of a large rectangular frame with internal features. At the top, there's a horizontal section with protrusions labeled **415A** and **415B**. Below this, a central vertical channel or cavity is formed by walls **401** and **403**, resting on a base **407**. A vertical rod or pin, labeled **421**, runs through the center, terminating in a circular head **421A** at the top. On the right side of the vertical channel, there's a curved surface **410** and a vertical wall **425**. Horizontal sections are labeled **24** at both the top and bottom of the central cavity. Other labels include **423A** and **423B** pointing to specific internal surfaces, **427** pointing to a lower part of the vertical channel, and **411** pointing to a horizontal feature near the base.

Fig 21



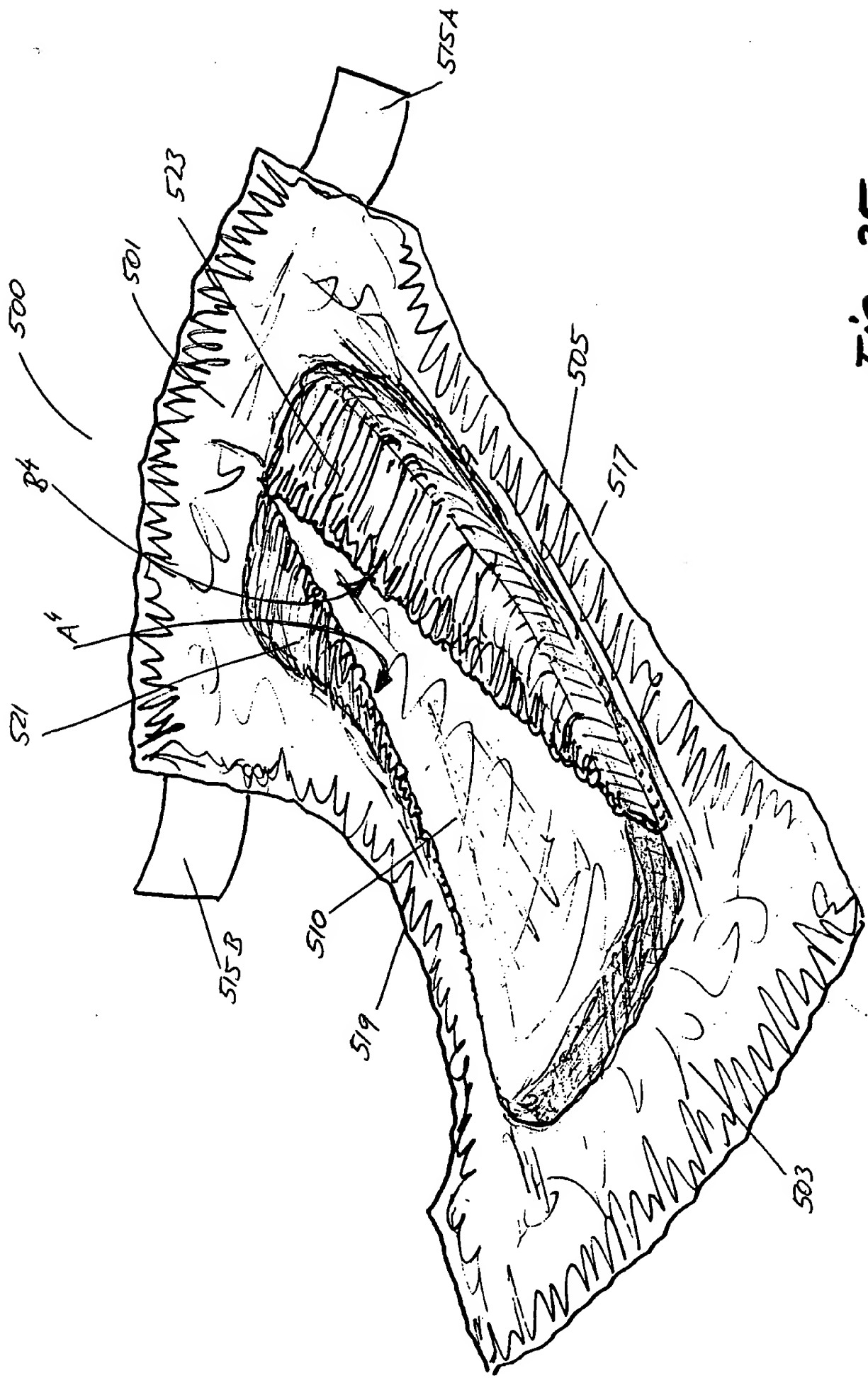


Fig 25

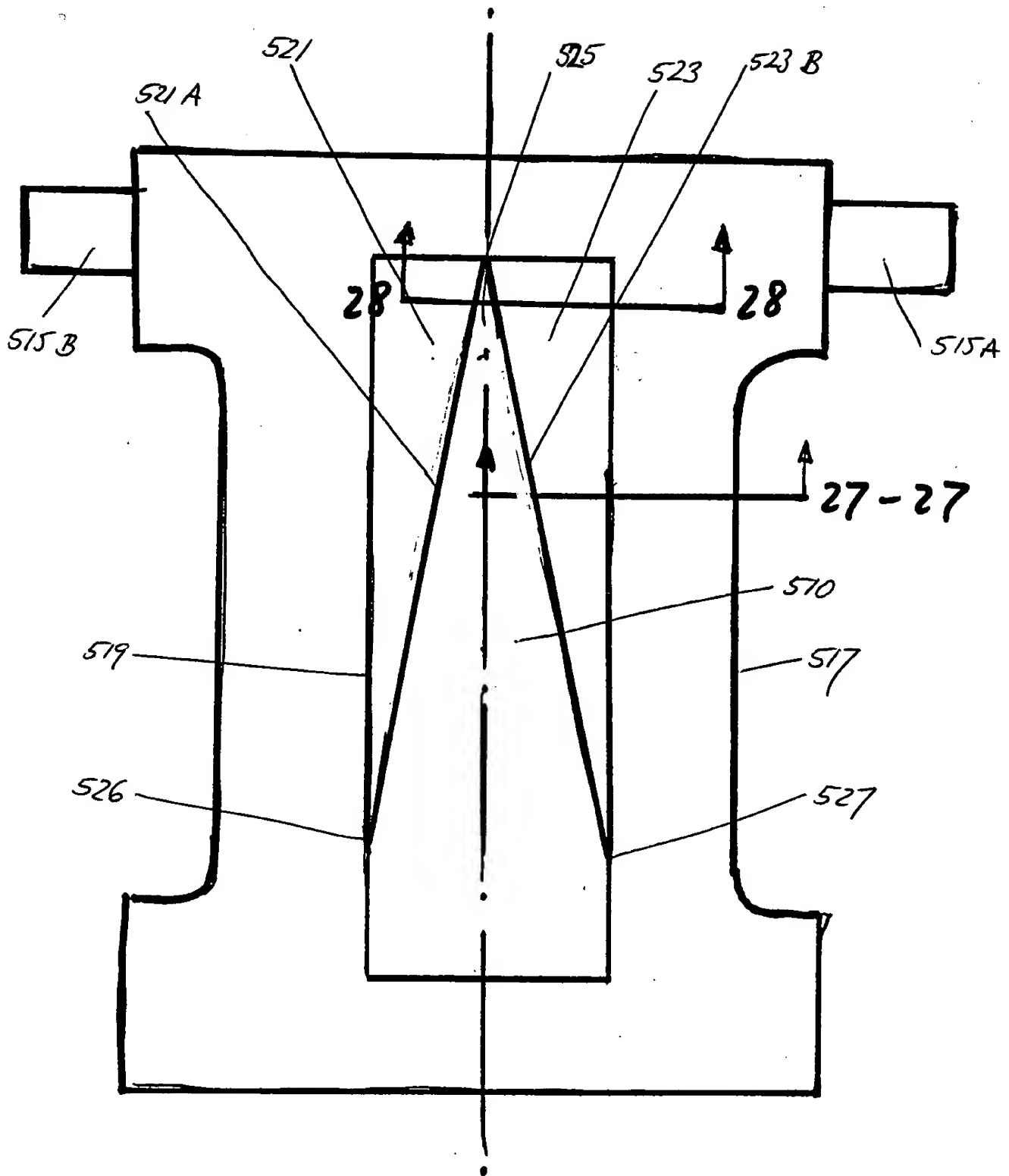
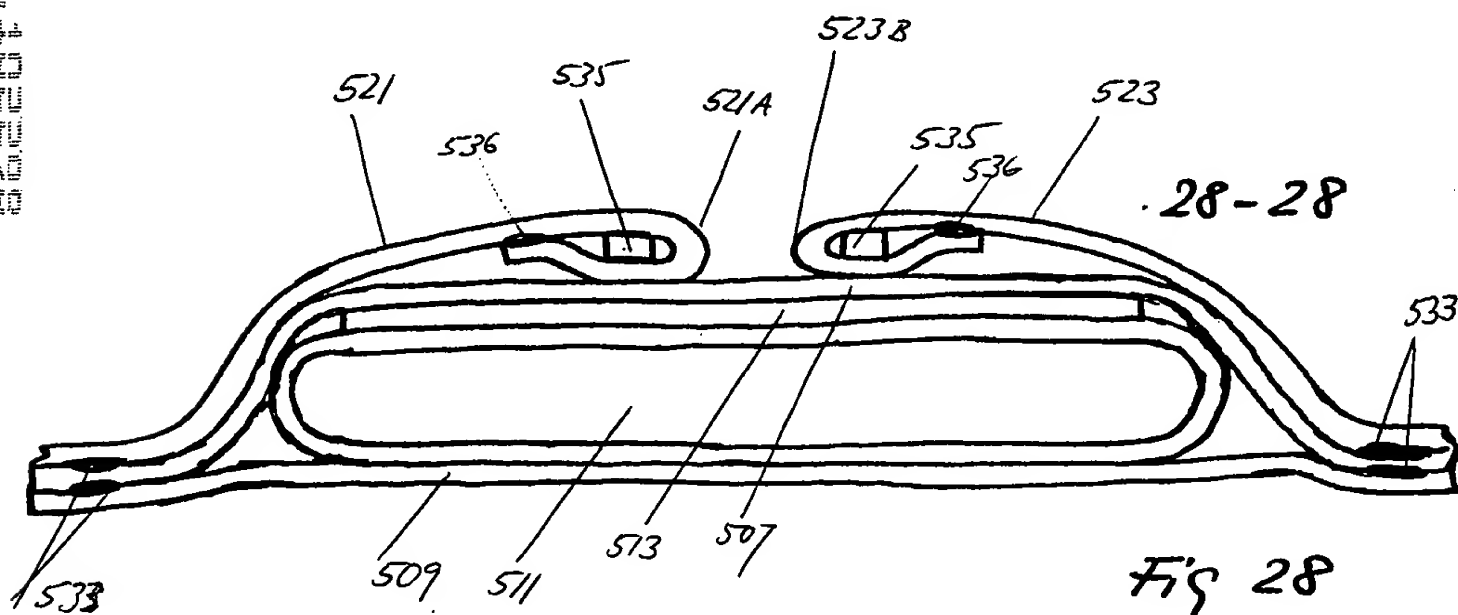
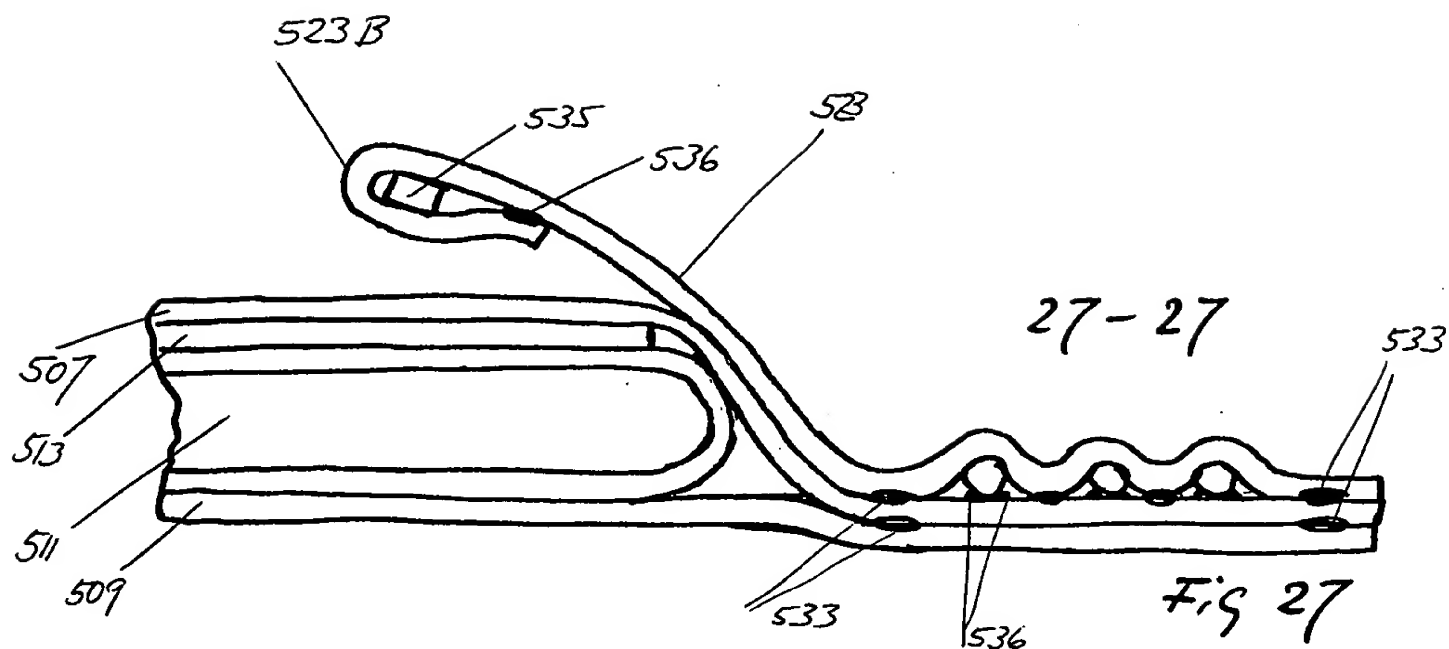


FIG 26





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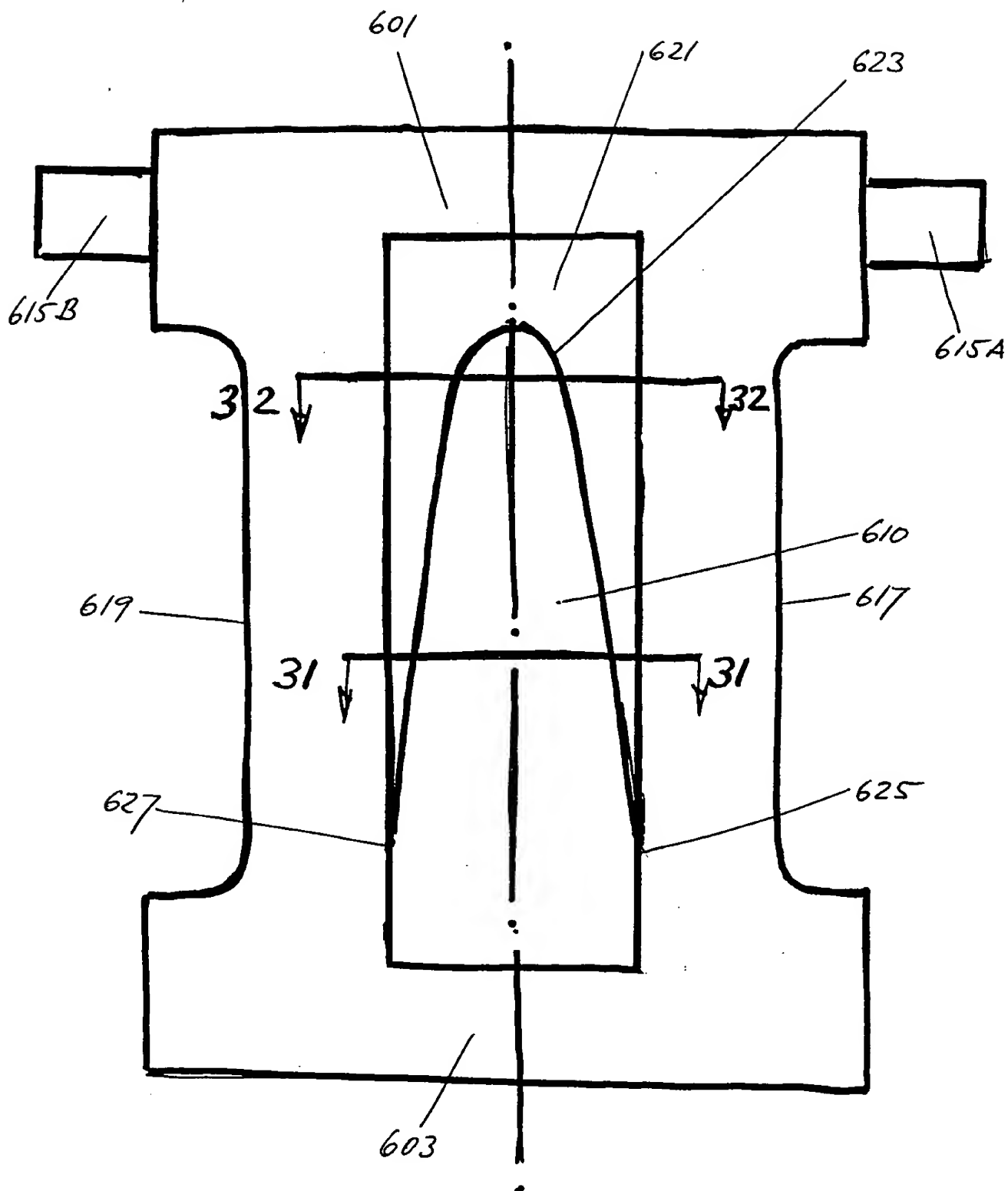
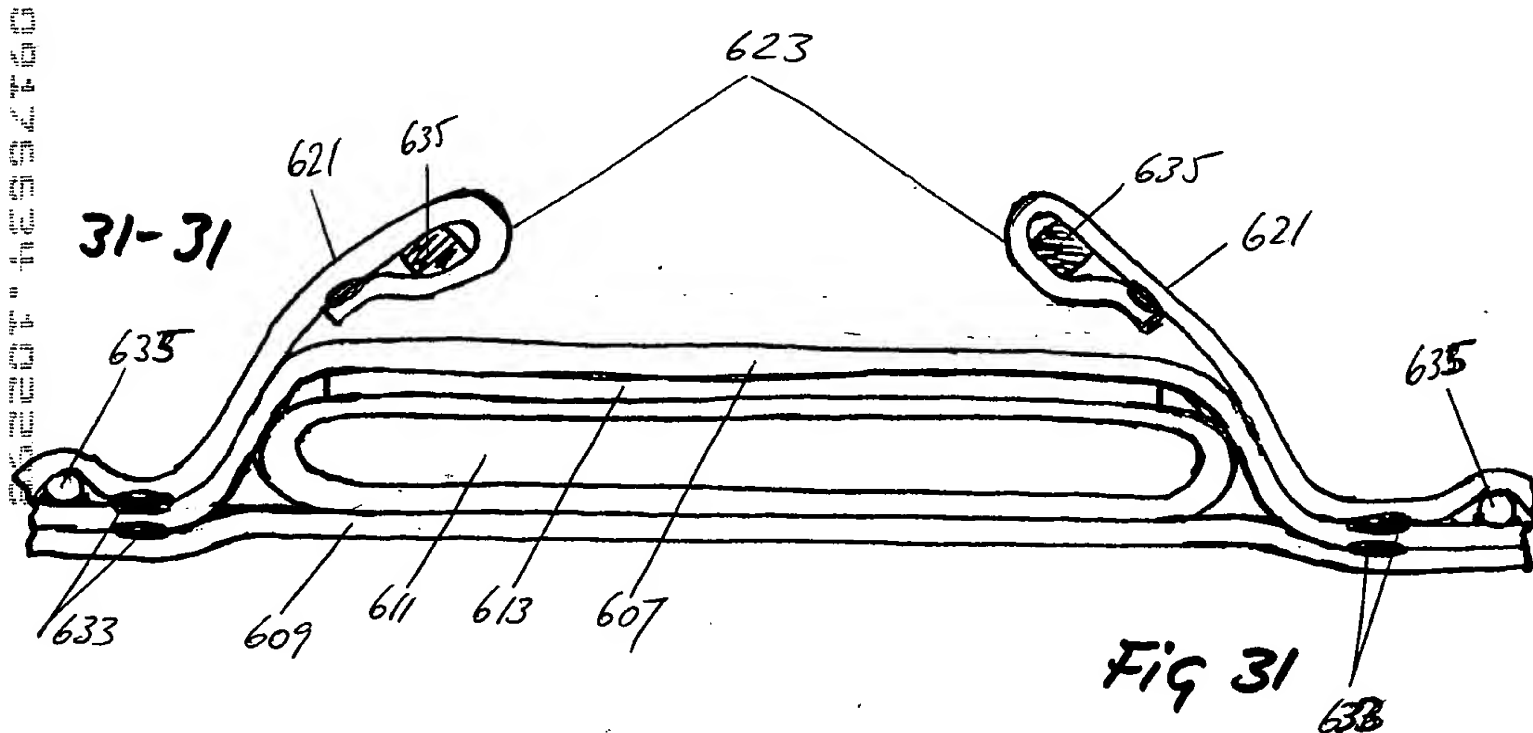
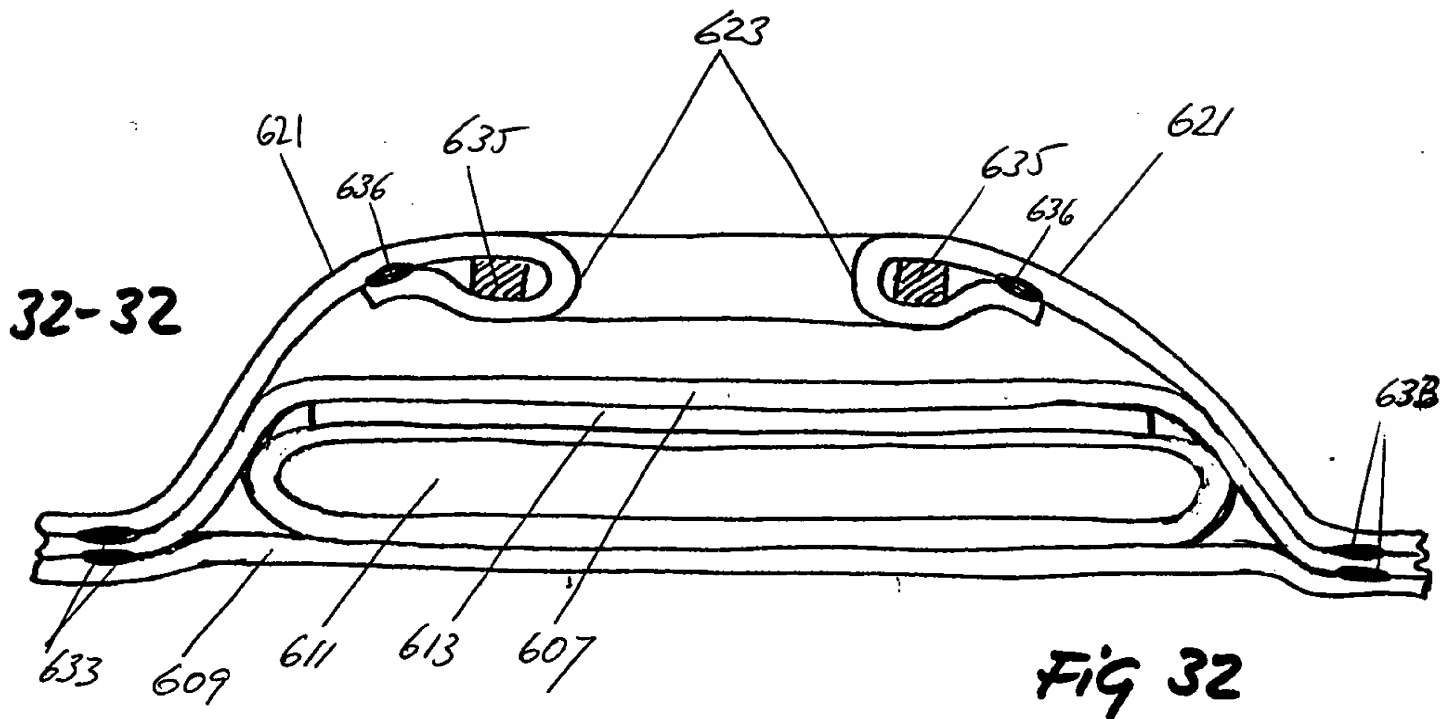


Fig 30



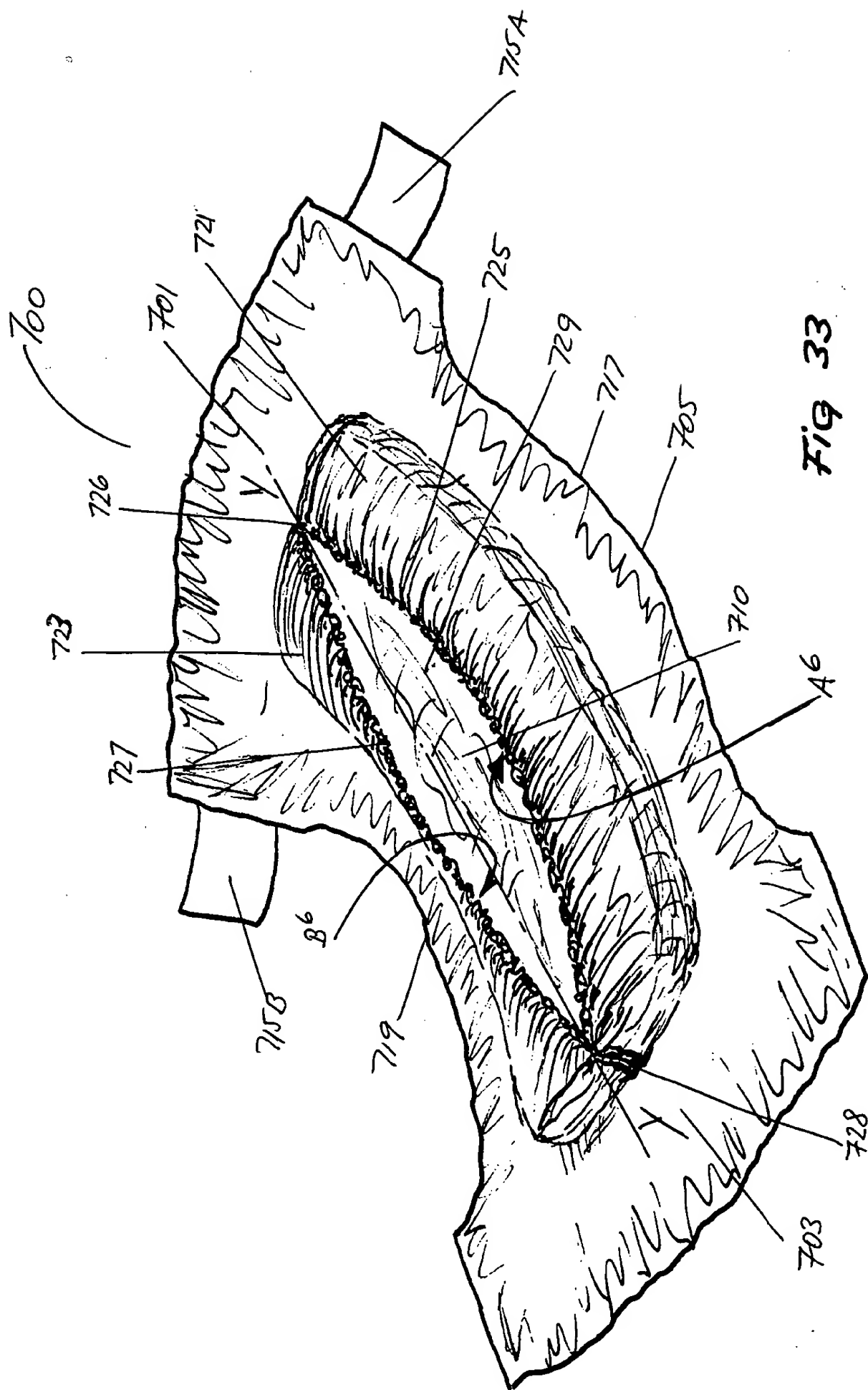


Fig 33

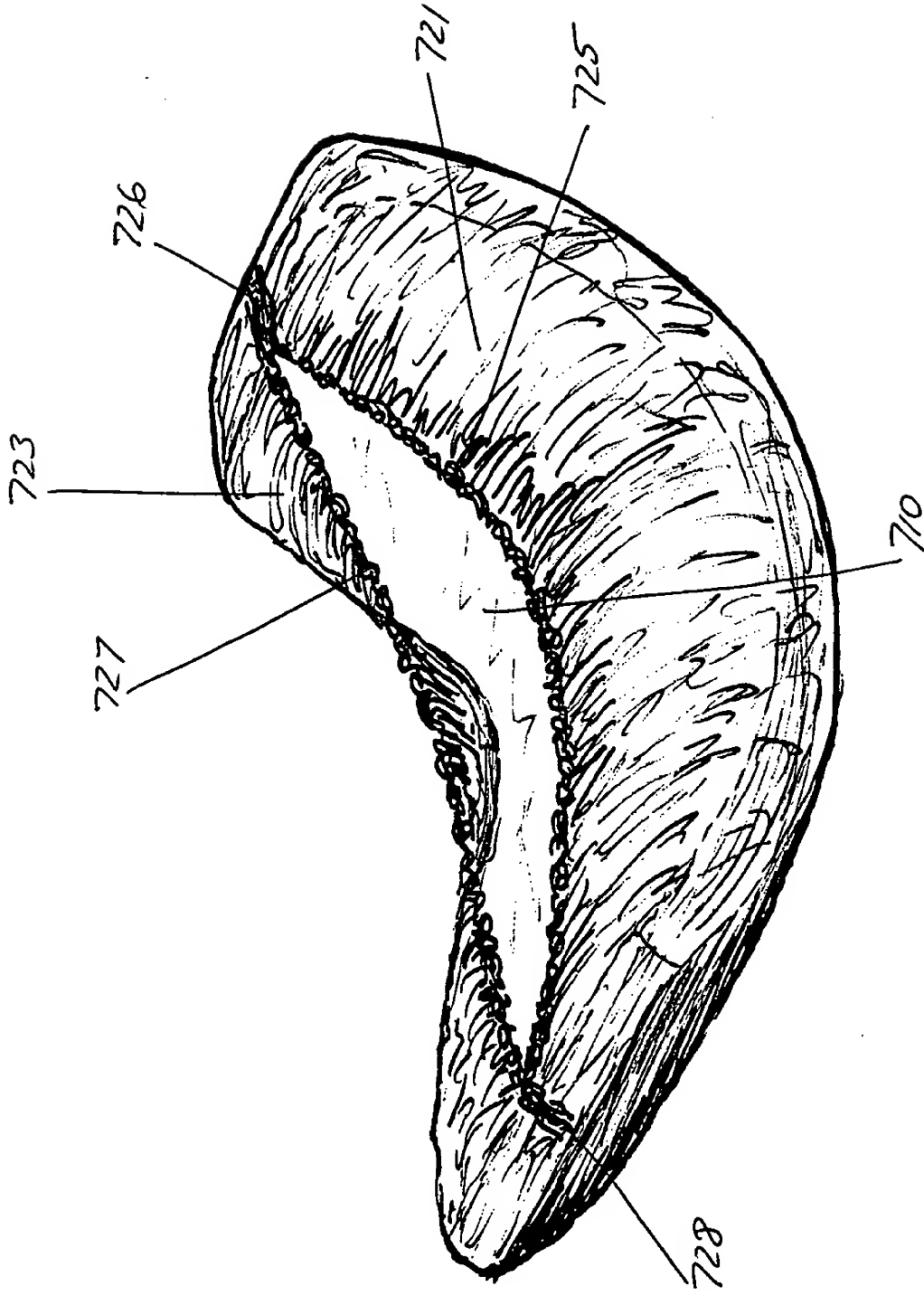


Fig 34

Fig 35

FIG. 36

